

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2415	"604"/\$.ccls. and (snap near3 fit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/04 14:22
L2	171	l1 and mix	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/04 13:48
L3	198	l1 and (injection near3 site)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/04 13:48
L6	36	("4425122"   "4874377"   "4981469"   "5064416"   "5120324"   "5122123"   "5188620"   "5251873"   "5295658"   "5330450"   "5338313"   "5344414"   "5402982"   "5470319"   "5509433"   "5616129"   "5616130"   "5699821"   "5806831"   "5820601"   "Re35841").PN. OR ("6142446"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/04 14:02
L7	29	("4059109"   "4311137"   "4387879"   "4614437"   "4683916"   "4842591"   "4917668"   "5071413"   "5085645"   "5232109"   "5242393"   "5251873"   "5269771"   "5295657").PN. OR ("5445630"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/04 14:07
L8	6	"604"/\$.ccls. and ((injection near3 site) with (snap near3 fit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/04 14:27
L9	1	"604"/411-415.ccls. and ((injection near3 site) with (snap near3 fit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/04 14:27
L10	72	"604"/411-415.ccls. and (snap near3 fit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/04 14:28
L11	5	(double with membrane with bayonet with coupling)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/04 17:15

## EAST Search History

L12	14	(membrane with bayonet with coupling)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/04 17:15
S1	276	wallen.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 10:48
S2	2	S1 and "604"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 10:51
S3	12	("4564054" "4878897" "6113068" "6146362" "6221065" "6245056").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 10:54
S4	255	(604/284).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 10:59
S5	681	(604/416,414,412).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 11:01
S6	19	S5 and branch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 11:12
S7	30	("2460641"   "3405706"   "3494351"   "3604410"   "3696806"   "3733439"   "3848581"   "3877465"   "4434802"   "4492634"   "4676256"   "4703762"   "4951685"   "4976271"   "5033476"   "5086780"   "5104375"   "5314412"   "5360423").PN. OR ("5505721").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 11:03
S8	17	("3405706"   "3494351").PN. OR ("4676256").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 11:04
S9	22	("3604410").URPN.	USPAT	OR	OFF	2005/02/02 11:06
S10	1	S5 and Y-shape	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 11:19
S11	151	(285/131.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 11:32

## EAST Search History

S12	784	(604/905).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 11:33
S13	80	S12 and branch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 11:33
S14	77	("1578517"   "2210098"   "2999499"   "3134380"   "3502097"   "3630199"   "3797486"   "3861388"   "3974832"   "3976073"   "3986508"   "3994293"   "4005710"   "4019512"   "4040420"   "4128098"   "4149535"   "4161949"   "4187846"   "4191183"   "4214779"   "4219912"   "4257416"   "4294249"   "4296949"   "4306705"   "4328802"   "4329987"   "4334551"   "4338933"   "4362156"   "4405163"   "4432765"   "4439193"   "4457749"   "4508367"   "4511359"   "4512766"   "4564054"   "4607868"   "4617012"   "4645494"   "4673400"   "4725267"   "4752292"   "4846809"   "4917668"   "4932944"   "4946445"   "4964855"   "4981469"   "4998713"   "4998921"   "5069225"   "5100394"   "5122123"   "5153489"   "5158554"   "5167648"   "5171234"   "5188620"   "5195992"   "5199947"   "5290254"   "5344414").PN. OR ("5954708").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 11:35
S15	68	("3900028"   "4046610"   "4048995"   "4048996"   "4133441").PN. OR ("4219912").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 11:46
S16	169	(604/244).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 11:46
S17	19	S16 and branch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/02 11:47
S18	16	("4294247"   "4340049"   "4428745"   "4435179"   "4601701"   "4722727"   "4730616").PN. OR ("4911696").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 11:48

## EAST Search History

S19	41	("1413703"   "2290348"   "3882909"   "3958572"   "3976073"   "4005710"   "4089432"   "4121585"   "4259956"   "4519513"   "4543101"   "4573506"   "4607671"   "4610469"   "4655762"   "4752292"   "4759756"   "4834716"   "4874377"   "4935010"   "4964855"   "5100394"   "5125921"   "5135489"   "5167648"   "5171234"   "5188620"   "5199947"   "5199948"   "5232109"   "5251873"   "5300034"   "5354275"   "5356396"   "5405331"   "5509911"   "Re33617").PN. OR ("6146362").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 13:37
S20	75	("2665024"   "2848130"   "3088615"   "3106206"   "3313439"   "3343699"   "3974930"   "4133441"   "4134512"   "4193402"   "4226334"   "4227617"   "4441621"   "4515752"   "4664275"   "4872572"   "4923072"   "5064083"   "5125921").PN. OR ("5232109"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 13:40
S21	24	("4059109"   "4311137"   "4387879"   "4614437"   "4683916"   "4842591"   "4917668"   "5071413"   "5085645"   "5232109"   "5242393"   "5251873"   "5269771"   "5295657").PN. OR ("5445630"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 13:52
S22	75	("2665024"   "2848130"   "3088615"   "3106206"   "3313439"   "3343699"   "3974930"   "4133441"   "4134512"   "4193402"   "4226334"   "4227617"   "4441621"   "4515752"   "4664275"   "4872572"   "4923072"   "5064083"   "5125921").PN. OR ("5232109"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 13:54
S23	2	("20030191445").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 11:47
S24	20	("4564054" "4878897" "5199947" "5232109" "5445630" "5782872" "6113068" "6146362" "6221065" "6245056").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 12:45

## EAST Search History

S25	511	(604/411).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 12:46
S26	30	S25 and (snap near3 fit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:53
S27	2237	(604/264).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:31
S28	285	(604/284).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:31
S29	643	(604/533).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:41
S30	281	(604/414).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:42
S31	26	("4059109"   "4311137"   "4387879"   "4614437"   "4683916"   "4842591"   "4917668"   "5071413"   "5085645"   "5232109"   "5242393"   "5251873"   "5269771"   "5295657").PN. OR ("5445630"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 13:45
S32	18	("2884924"   "3001525"   "3316908"   "3662752"   "3670728").PN. OR ("3822700").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/27 13:48
S33	0	(snap near3 fit) and (groove with rim with taper with snug)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:54
S34	0	(snap with fit) and (groove with rim with taper with snug)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:54
S35	0	(groove with rim with taper with snug)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:54

## EAST Search History

S36	3	(groove with rim with taper\$3 with snug)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:54
S37	18	(groove with rim with taper\$3 with fit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:54
S38	45	(US-20020010437-\$ or US-20030191445-\$).did. or (US-5603706-\$ or US-5632735-\$ or US-5766211-\$ or US-4311137-\$ or US-5810793-\$ or US-6464686-\$ or US-6471674-\$ or US-6482189-\$ or US-6689096-\$ or US-6113068-\$ or US-6146362-\$ or US-6221065-\$ or US-4911696-\$ or US-5505721-\$ or US-6027146-\$ or US-4557261-\$ or US-5358490-\$ or US-4676256-\$ or US-5445630-\$ or US-5199947-\$ or US-6142446-\$ or US-5104375-\$ or US-4338933-\$ or US-4257416-\$ or US-4219912-\$ or US-6669681-\$). did. or (US-5158554-\$ or US-4191183-\$ or US-5989217-\$ or US-4601701-\$ or US-5405331-\$ or US-5232109-\$ or US-5782872-\$ or US-2488089-\$ or US-5879029-\$ or US-5071413-\$ or US-4998713-\$ or US-4256106-\$ or US-5976103-\$ or US-5273533-\$ or US-5088984-\$ or US-6726672-\$ or US-3822700-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/09/27 14:41
S39	25	S38 and taper\$3	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:49
S40	3	wallen-claes.in. or anreasson-kiell. in.	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:52
S41	494	(604/415).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 16:53
S42	393	(137/861).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 16:54
S43	376	(137/594).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 16:55

## EAST Search History

S44	485	(604/82).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 16:55
S45	185	(604/86).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 16:56
S46	161	(604/87).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 16:56
S47	45	(US-20030191445-\$ or US-20020010437-\$).did. or (US-6221065-\$ or US-6146362-\$ or US-6113068-\$ or US-5782872-\$ or US-5445630-\$ or US-5232109-\$ or US-5199947-\$ or US-5505721-\$ or US-5158554-\$ or US-5071413-\$ or US-4998713-\$ or US-4338933-\$ or US-4256106-\$ or US-6689096-\$ or US-6482189-\$ or US-6471674-\$ or US-6464686-\$ or US-5976103-\$ or US-5810793-\$ or US-5632735-\$ or US-5088984-\$ or US-4557261-\$ or US-6669681-\$ or US-6726672-\$ or US-6142446-\$ or US-6027146-\$). did. or (US-5879029-\$ or US-5405331-\$ or US-4676256-\$ or US-4257416-\$ or US-4191183-\$ or US-2488089-\$ or US-5766211-\$ or US-5603706-\$ or US-5358490-\$ or US-5273533-\$ or US-4311137-\$ or US-3822700-\$ or US-5989217-\$ or US-4911696-\$ or US-4219912-\$ or US-5104375-\$ or US-4601701-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/09/28 09:04
S48	30	S47 and (rubber or elastomeric)	US-PGPUB; USPAT	OR	OFF	2006/09/28 09:04
S49	2	("6113567").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/30 16:01
S50	2	("6238364").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/30 16:01